ATM CELL SEGMENTING CONTROL SYSTEM

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Abstract of **JP6209365**

PURPOSE:To provide an STM(synchronous transfer mode) exchange with the ATM(asynchronous transfer mode) cell segmenting function by package switching by providing an STM exchange line interface part with the ATM cell segmenting means and providing its control interface as the same ATM channel as communication information. CONSTITUTION:Plural ATM line interface parts 1 which can be replaced with STM line interface parts and a high-speed ATM multiplexing device 6 are provided. The ATM multiplexing device 6 includes an ATM control circuit 9 as the control means which is connected to the control part of the ATM exchange and converts the control signal from this control part to ATM cents to transmit them to individual ATM line interface parts 1, and the ATM line interface part 1 includes an ATM cell segmenting circuit 3 as the ATM cell segmenting means which mutually converts STM information strings and ATM cells in accordance with the control signal converted to ATM cells from the ATM control circuit 9.